



C-HA-RAS1
RALA
RAB-1A
RHOHP1
CDC42
RAC2
ARL1
RND3/RHOE
AGS1

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FIG.4B

G2

QIKRVKD-----SDDVPMVLVGNKCDLAA-----RTVESRQAQDLARS
QILRVKE-----DENVPFLLVGNKSDLEDK-----RQVSVEEAKNRAEQ
QEIDRYA-----SENVNKLVLVGNKCDLTTK-----KVVDYTTAKEFADS
PEVNHF-----CKKVPIIIVGCKTDLRKDKSLVNKLRRNGLEPVTYHRGQEMARSV
PEITHH-----CPKTPFLLVGTQIDLRDDPSTIEKLAKNKQKPIPTETAELARDL
PEVRHH-----CPSTPIILVGTCKLDRDDKDTIEKLKERKLAPITYPQGLALAKEI
AMLEEEE-----LRKAILVVFANKQDMEQAMTSSEMANSGLPALKDKK-----
GEIQEF-----CPNTKMLLVGCKSDLRDVTSTLVLSNHRQTPVSYDQGANMAKQI
QILDTKSCLKNKTKENVDVPLVICGNKGD-RDFY-----REVDOREIEQLVGD

G3

YG--IPYIETSAKTRQG-VEDAFYTLVREIR-----
WN--VNYVETSAKTRAN-VDKVFFDLMRER-----
LG--IPFLETSAKNATN-VEQSFMTMAAEIK-----
GA--VAYLECSARLHDN-VHAVFQEAEEVAL-----
KA--VKYVECSALTQRG-LKNVFEDEAILAAL-----
DS--VKYLECSALTQRG-LKTVFEDEAIRAVL-----
---WQIFKTSATKGTG-LDEAMEWLVE TLKSRQ
GA--ATYIECSALQSENSVRDIF-----HVATLAC-----VNKTNKNVKRNK
DPQRCAYFEISAKKNSS-LDQMFRALFAMAKLPSEMSPDLHRKVSQYCDVVLHKKALRNKK

...: ** : :

-----QHKLRKLNPPDESGPGCMSCKCVLS
-----ARKMEDSKEKNGKKRKS LAKRIRERCCIL
-KRMGPGATAGGA-----EKS NVKIQSTPVKQAGGGCC
-----SSRGRNFWRRITQGFCVVT
-----EPPETQPKRKCCIF
-----CPQPTRQQKRACSL

SQRA-----TKRISHMPSRP-----ELSAVATDLRKDKAKSCTVM
LLRAGSGGGGDPGDAFGIVAPFARRPSVHSDLMYIREKASAGSQAKDKERCVIS